## Rec'd PCT/PTO 50 % SEP 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization International Bureau



## 10/506810

(43) International Publication Date 25 September 2003 (25.09.2003)

**PCT** 

(10) International Publication Number WO 03/077645 A1

(51) International Patent Classification7:

A01J 7/02

(21) International Application Number: PCT/SE03/00417

(22) International Filing Date: 12 March 2003 (12.03.2003)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

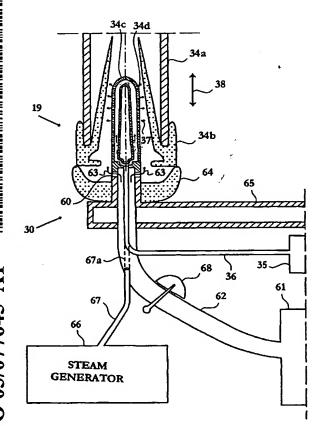
0200802-7 0202988-2 15 March 2002 (15.03.2002) SE 10 October 2002 (10.10.2002) SE

(71) Applicant (for all designated States except US): DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 Tumba (SE). (72) Inventors; and

- (75) Inventors/Applicants (for US only): ERICSSON, Jan [SE/SE]; Crusebjörnsväg 23, S-147 63 Uttran (SE). WASE, Lars [SE/SE]; Skogsviksvägen 6, S-182 56 Danderyd (SE). HOLMERTZ, Nils, Erik [SE/SE]; Mangårdsvägen 17, S-141 51 Huddinge (SE). BOSMA, Epke [NL/SE]; Hökvägen 52, S-147 34 Tumba (SE).
- (74) Agents: FRITZON, Rolf et al.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU,

[Continued on next page]

(54) Title: A METHOD AND AN ARRANGMENT AT A DAIRY FARM



(57) Abstract: The present invention refers to a cleaning method in a milking system (9) comprising a plurality of teat cups (19), each of which is connected to a respective milk line, wherein, during milking of the teats of a milking animal, the plurality of teat cups (19) are attached to the teats of the animal, and vacuum is supplied to the respective milk lines in order to draw milk from the teats of the milking animal. The cleaning comprises the steps of removing milk or other residues present at each of said plurality of teat cups by means of flushing (37) each of said plurality of teat cups with a cleaning fluid supplied via a supply line (36, 34c); evacuating cleaning fluid from each of said plurality of teat cups or from the supply line; and disinfecting at least one of said plurality of teat cups by means of exposing (60) said at lest one of said plurality of teat cups to steam.

WO 03/077645 A1